

Under the Patent Protection Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/563,084-Conf. #5853
				Filing Date	May 22, 2006
				First Named Inventor	Stefan Langenbach
				Art Unit	2611
				Examiner Name	Y. T. Tsai
Sheet	1	of	2	Attorney Docket Number	64726(45710)

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature	Date Considered	
-----------------------	--------------------	--

<sup>7</sup>EXAMINER: Initial if reference considered, whether or not citation is in compliance with WIPO 602. Draw through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>8</sup>Applicant's unique citation designation number (optional). <sup>9</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or WIPO 931 et seq. <sup>10</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>11</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>12</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>13</sup>Applicant is to place a check mark here if English language Translation is attached.

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: March 26, 2019  Electronic Signature for Howard M. Gilten. /HOWARD M. GILLEN/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/563,084-Conf. #5853
				Filing Date	May 22, 2006
				First Named Inventor	Stefan Langenbach
				Art Unit	2611
				Examiner Name	Y. T. Tse
Sheet	2	of	2	Attorney Docket Number	64726(45710)

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
		BOHN et al., "An Adaptive Optical Equalizer Concept for Single Channel Distortion Compensation", ECOC 2001.			
		BULOW et al., "Electronic PMD Mitigation – from Linear Equalization to Maximum-Likelihood Detection", OFC 2001.			
		BULOW et al., "Electronically Enhanced Optical PMD Compensation", ECOC 2000.			
		OTTE, et al., "Performance of Electronic Compensator for Chromatic Dispersion & SPM", ECOC 2000.			
		STICHT et al., "Adaption of Electronic PMD Equaliser Based on BER Estimation Derived from FEC Decoder", ECOC 2001.			
		VITERBI, "Error Bounds for Convolutional Codes and an Asymptotically Optimum Decoding Algorithm" IEEE Trans. Inf. Theory IT-13, pp. 260-269, April 1967.			
Examiner Signature		Date Considered			

<sup>1</sup>EXAMINEE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.